

# ABOVE Science Cloud Webinar: NGA Data Discovery Tools

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[above.nasa.gov](http://above.nasa.gov) @NASA\_ABoVE



# Agenda

- NGA Data Discovery Tool
  - Standard Application
  - Advanced Application
    - Authenticated Portal users only

# Functionality Matrix

	Standard Application	Advanced Application
Responsive Design	✓	✓
Public Access	✓	✗
Authenticated User Access	✓	✓
Spatial Search (basic)	✓	✓
Advanced Search (attributes)	✗	✓
Full Path to Source Raster	✗	✓
Export List to CSV	✓	✓
Save Polygon Results	✗	✓
Export Results to Local Computer	✗	✓

# Best Practices

- Request an account for the Spatial Analytics Platform well in advance
  - Avoid account delays
- Select a small area of interest (AOI)
  - Small AOI = Faster Results
- Don't share raster full path to "Everyone"

# Links to Data Discovery Apps

## NGA Data Discovery Tool

<https://maps.nccs.nasa.gov/arcgis/apps/webappviewer/index.html?id=b0f3e484f28d408a8934c77e5af746e0>

## NGA Advanced Data Discovery Tool (Portal users only)

<https://maps.nccs.nasa.gov/arcgis/apps/webappviewer/index.html?id=8b1defb1e5db4045a8bba8b51dd0cfc3>

\*\*If you need a Portal account created, send a request to [support@nccs.nasa.gov](mailto:support@nccs.nasa.gov) with subject line of: “New ArcGIS Portal Account Request”\*\*

# Additional Resources

ABoVE-Maintained ASC Website with setup instructions and useful links:

<https://above.nasa.gov/sciencecloud.html>

NCCS-Maintained ADAPT Website with FAQs:

[https://www.nccs.nasa.gov/services/adapt/above\\_faq](https://www.nccs.nasa.gov/services/adapt/above_faq)

Help Tickets: [support@nccs.nasa.gov](mailto:support@nccs.nasa.gov)



Search

Home » ADAPT » ABoVE FAQ

### ADAPT

- ADAPT Ganglia
- User Access
- Capabilities
- Data
- How to use ADAPT
- About Adapt
- Windows FAQ
- Accessing Windows
- ABoVE FAQ**

Print

## ABoVE Science Cloud(ASC) "How To"

Click [here](#) for specific login instructions.

See video tutorials here for:

[Linux to Linux Access](#)

[Windows VM access using Guacamole](#)

### What datasets are available on the ASC?

Available ASC Datasets:

[ASC Data, No MERRA or MERRA2](#)

[ASC Data, MERRA and MERRA2 only](#)

When logged in to the ASC, use the ODISEA search tool to browse available datasets. Watch a video tutorial about ODISEA [here](#). See a webinar about ODISEA [here](#), or view the slides [here](#).



# Orthorectifying Imagery Using PGC Tools

Find instructions online here:

[https://www.nccs.nasa.gov/services/adapt/above\\_faq/Orthorectification\\_of\\_DigitalGlobe\\_ABoVE](https://www.nccs.nasa.gov/services/adapt/above_faq/Orthorectification_of_DigitalGlobe_ABoVE)

The screenshot shows a web browser window with the URL [https://www.nccs.nasa.gov/services/adapt/above\\_faq/Orthorectification\\_of\\_DigitalGlobe\\_ABoVE](https://www.nccs.nasa.gov/services/adapt/above_faq/Orthorectification_of_DigitalGlobe_ABoVE). The page header features the NCCS logo and the text "NASA Center for Climate Simulation High Performance Science". A navigation menu includes links for HOME, USER INFO, PORTALS, SERVICES, SCIENCE, NEWS, and ABOUT US. The main content area displays the breadcrumb "Home » Orthorectification of DigitalGlobe (ABoVE)" and a list of services: ADAPT, Discover, Dali, DASS, Mass Storage, and DataPortal. The primary article title is "Parallel orthorectification of DigitalGlobe imagery using Polar Geospatial Center Tools on the ABoVE Science Cloud - Linux Environment". An "Overview" section begins with the text: "High-resolution DigitalGlobe imagery is available on the ABoVE Science Cloud (ASC) for approved ABoVE Science Team members. Request access [here](#). Most of the DigitalGlobe imagery on the ASC is Basic (1B) imagery."

# Announcements

- Success stories you would like to share? Email Liz Hoy [elizabeth.hoy@nasa.gov](mailto:elizabeth.hoy@nasa.gov)
- How do I cite the ASC in my publications? Use language similar to:

*“Resources supporting this work were provided by the NASA High-End Computing (HEC) Program through the NASA Center for Climate Simulation (NCCS) at Goddard Space Flight Center.”*